

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004601.D
 Acq On : 23 Apr 2021 13:39
 Operator : SY/MD
 Sample : M2149-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Apr 26 10:18:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

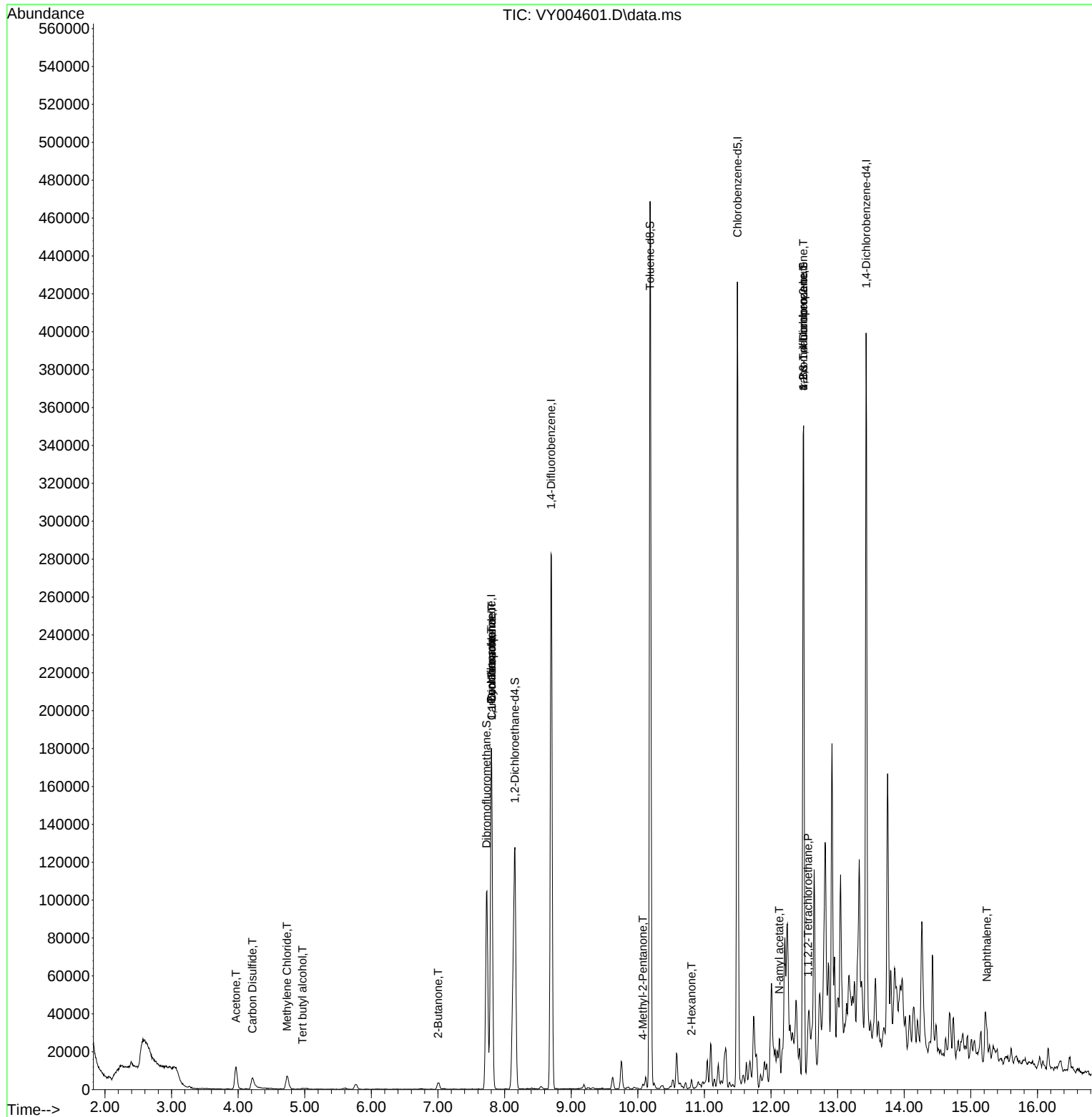
Internal Standards						
1) Pentafluorobenzene	7.801	168	133151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	86600	58.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.08%
35) Dibromofluoromethane	7.728	113	71496	55.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.16%
50) Toluene-d8	10.185	98	285281	52.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.28%
62) 4-Bromofluorobenzene	12.483	95	94095	50.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.36%
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	455	3.12	ug/l #	73
16) Acetone	3.966	43	21141	52.10	ug/l	98
17) Carbon Disulfide	4.216	76	11090	2.79	ug/l	98
20) Methylene Chloride	4.735	84	4727	3.31	ug/l	90
25) 2-Butanone	7.002	43	6576	11.67	ug/l #	89
31) Cyclohexane	7.801	56	3336	1.23	ug/l #	15
36) 1,1-Dichloropropene	7.807	75	11161	4.85	ug/l #	50
38) Carbon Tetrachloride	7.807	117	13927	6.99	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1821	1.26	ug/l	97
59) 2-Hexanone	10.807	43	2039	2.11	ug/l #	29
74) N-amyl acetate	12.123	43	5940	2.60	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.556	83	1780	1.39	ug/l #	87
76) 1,2,3-Trichloropropane	12.483	75	52247	55.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52247	99.26	ug/l #	13
95) Naphthalene	15.239	128	14636	4.04	ug/l	96

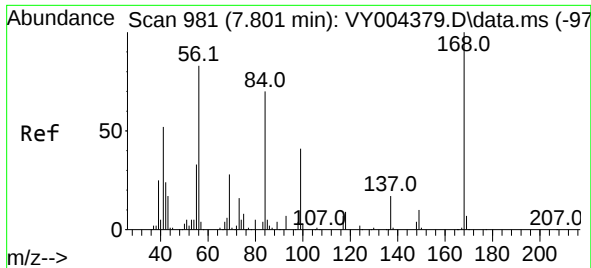
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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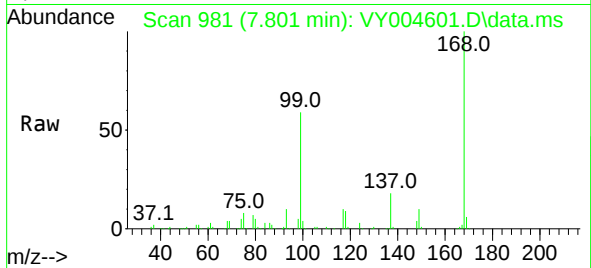
Quant Time: Apr 26 10:18:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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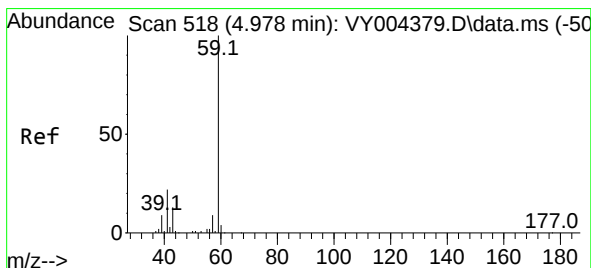
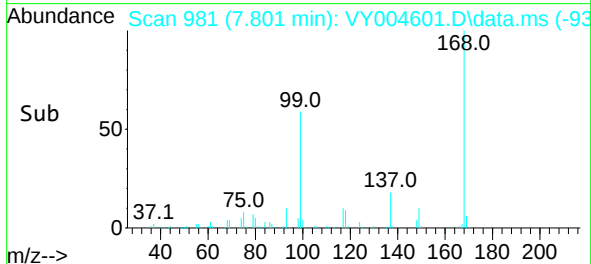
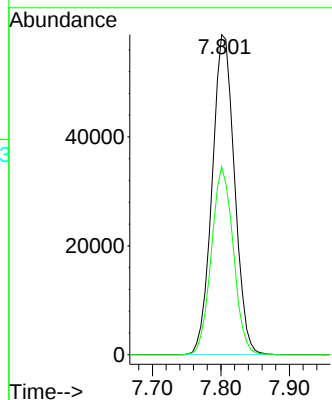


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

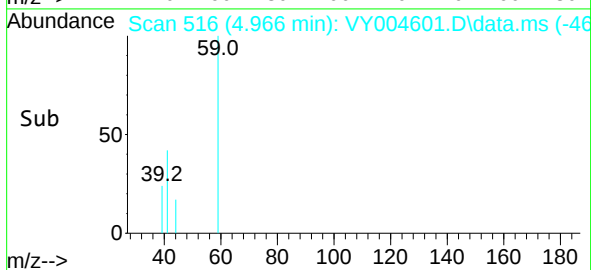
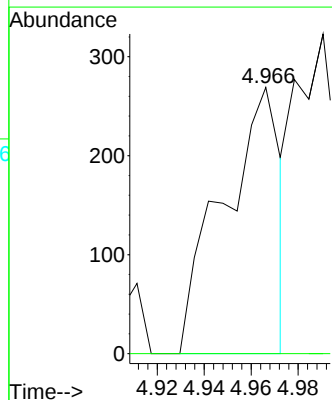
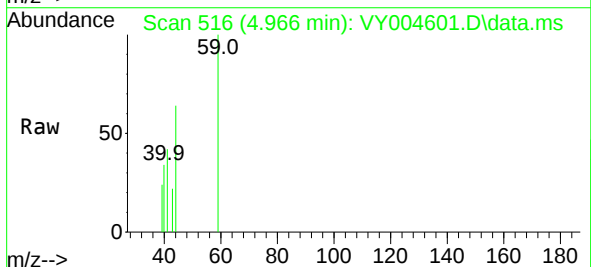


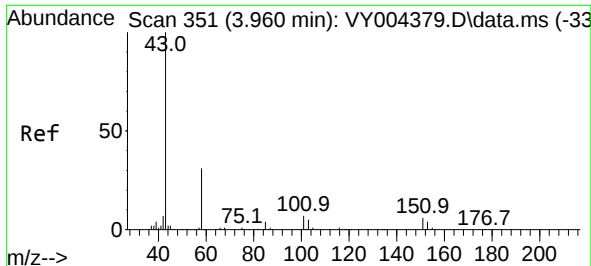
Tgt Ion:168 Resp: 133151
Ion Ratio Lower Upper
168 100
99 58.7 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.12 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

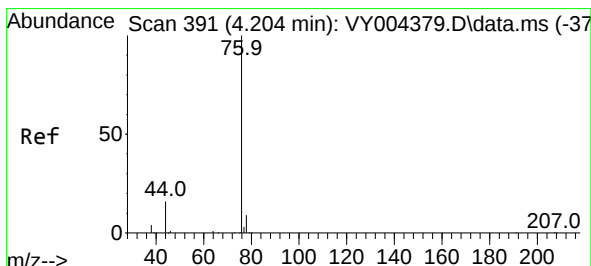
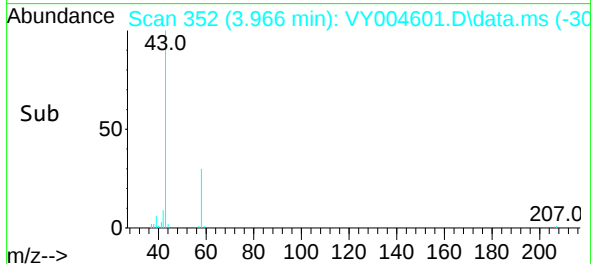
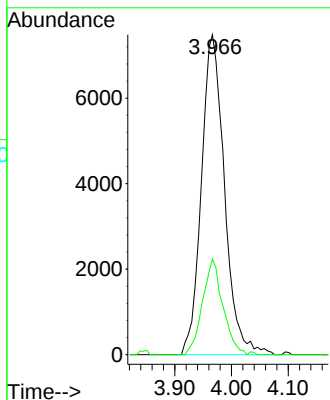
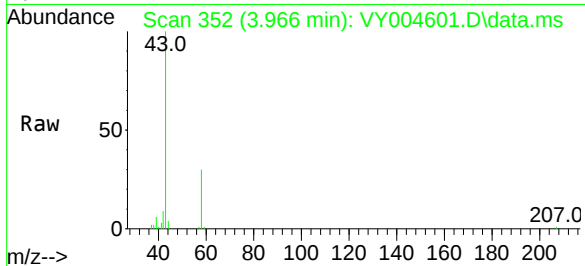




#16
Acetone
Concen: 52.10 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

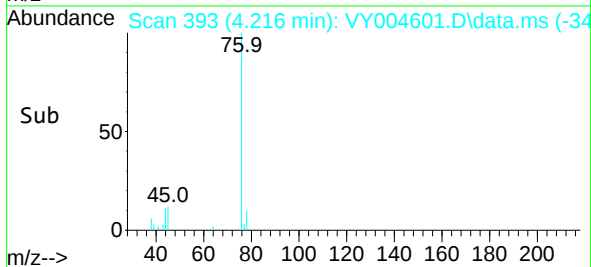
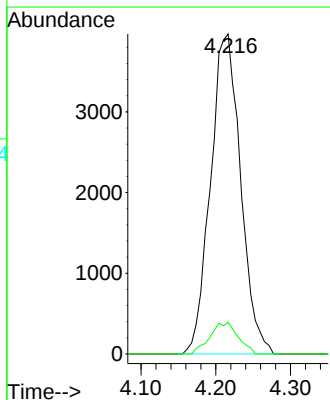
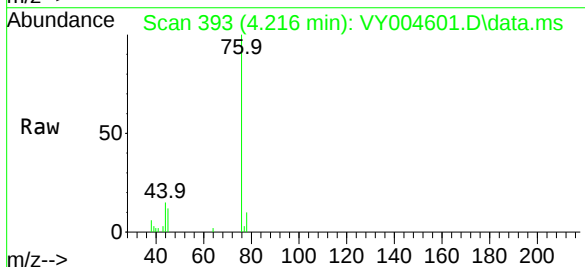
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

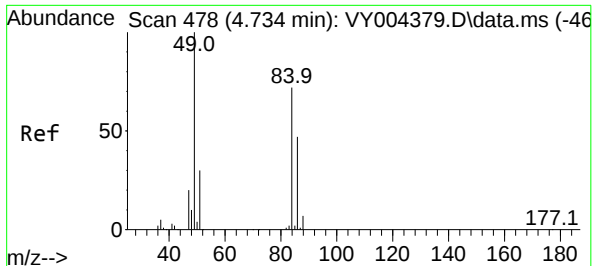
Tgt Ion: 43 Resp: 21141
Ion Ratio Lower Upper
43 100
58 29.8 24.6 37.0



#17
Carbon Disulfide
Concen: 2.79 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 76 Resp: 11090
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2

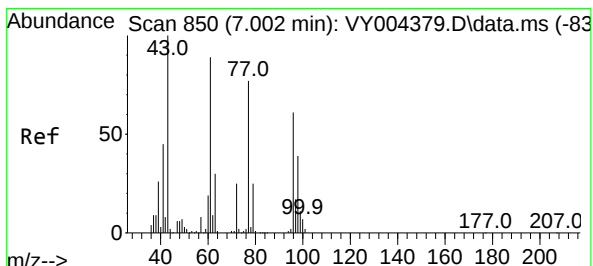
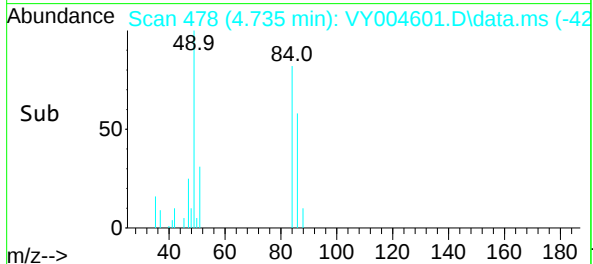
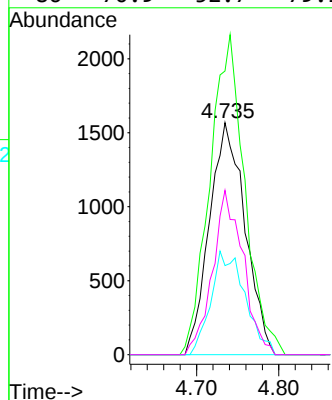
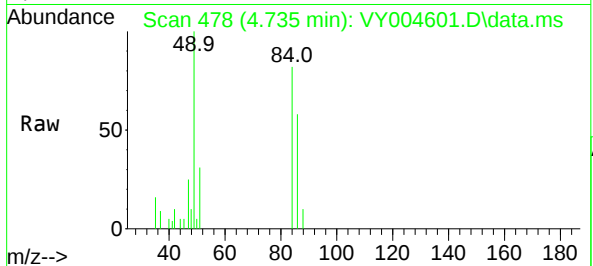




#20
Methylene Chloride
Concen: 3.31 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

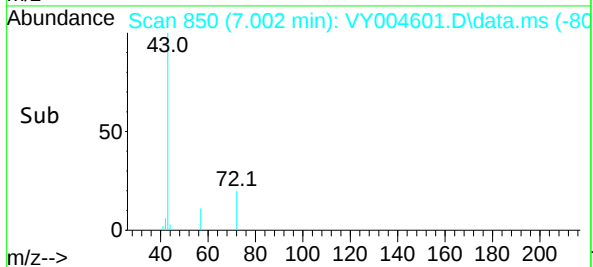
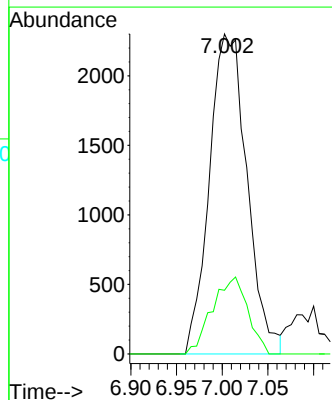
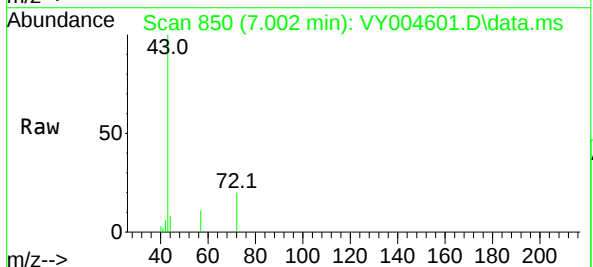
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

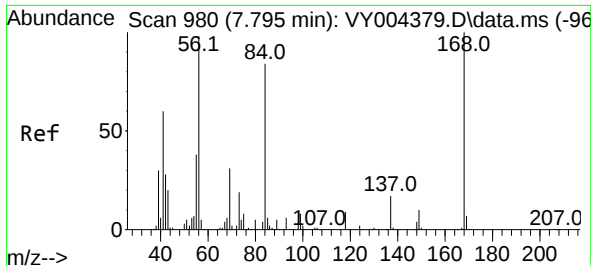
Tgt Ion: 84 Resp: 4727
Ion Ratio Lower Upper
84 100
49 122.3 111.2 166.8
51 38.4 33.4 50.2
86 70.9 52.7 79.1



#25
2-Butanone
Concen: 11.67 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

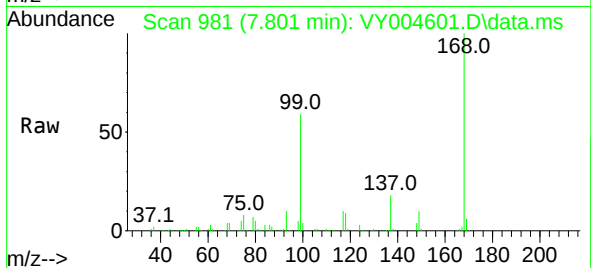
Tgt Ion: 43 Resp: 6576
Ion Ratio Lower Upper
43 100
72 19.9 20.2 30.2#



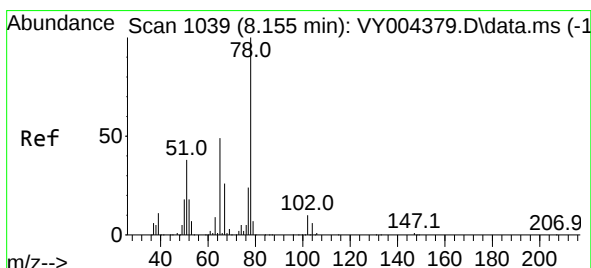
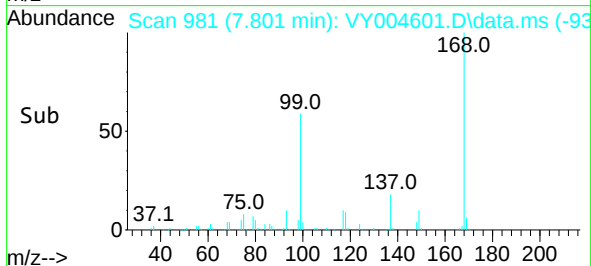
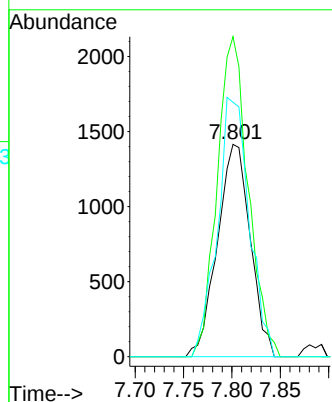


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

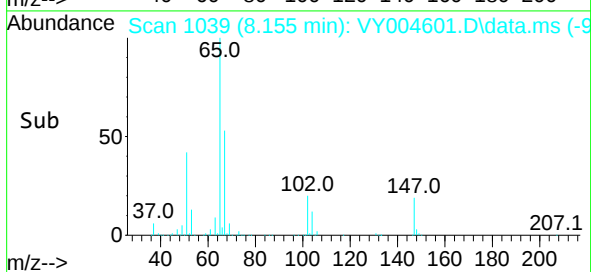
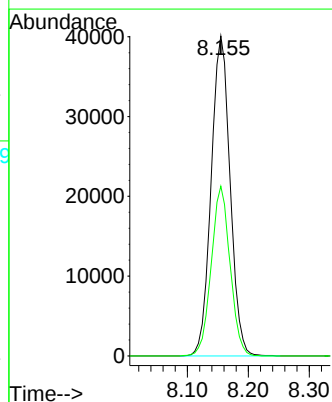
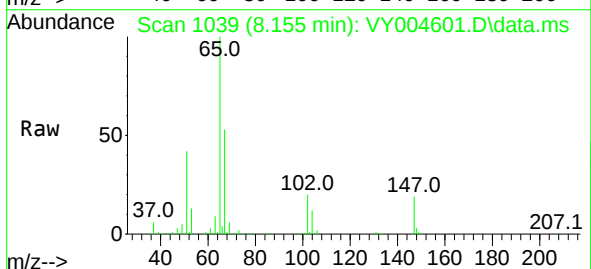


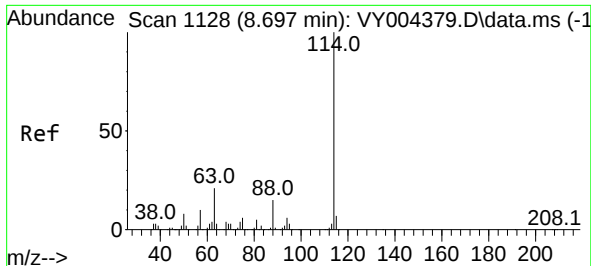
Tgt Ion: 56 Resp: 3336
Ion Ratio Lower Upper
56 100
69 150.7 25.8 38.6#
84 119.8 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 58.54 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 65 Resp: 86600
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4

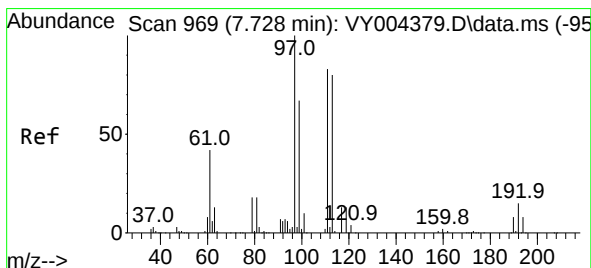
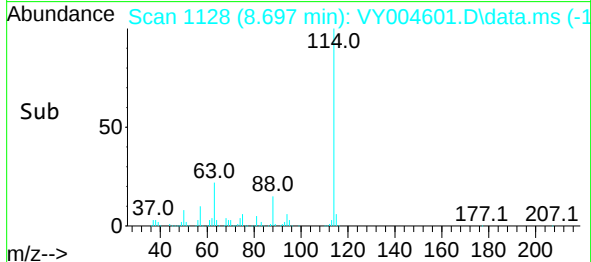
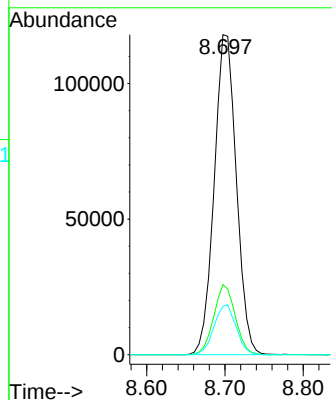
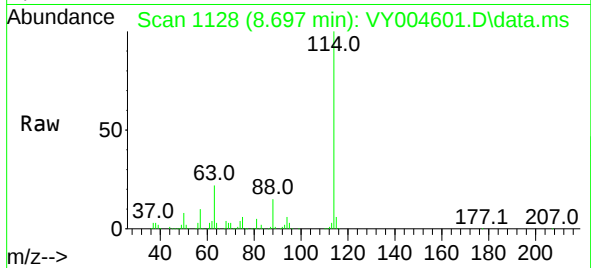




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

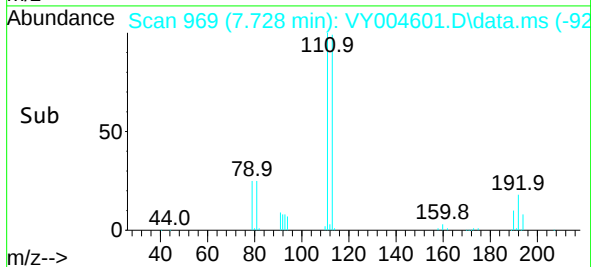
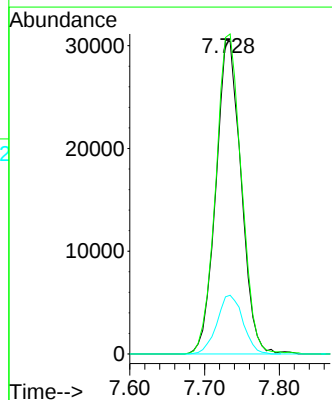
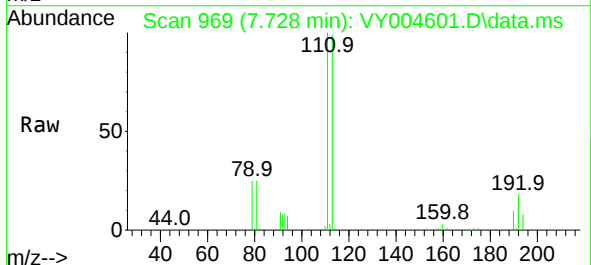
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

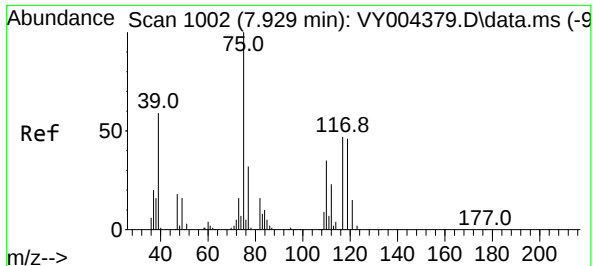
Tgt Ion:	114	Resp:	231801
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.4
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.58 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion:	113	Resp:	71496
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	19.3	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 7.807 min Scan# 982

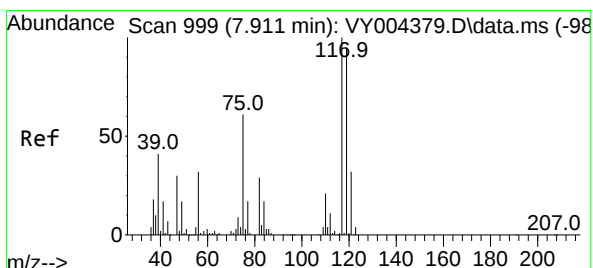
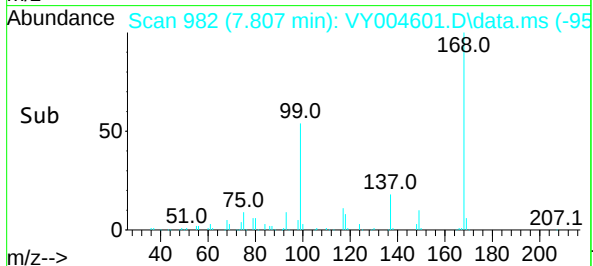
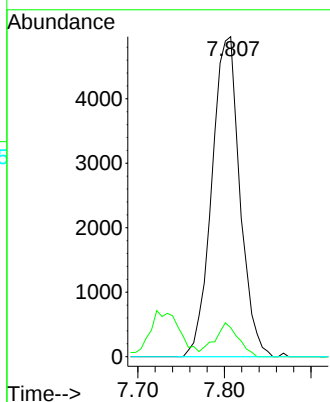
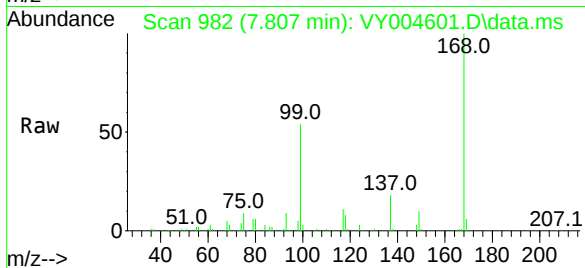
Delta R.T. -0.122 min

Lab File: VY004601.D

Acq: 23 Apr 2021 13:39

Tgt Ion:	75	Resp:	11161
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0



#38

Carbon Tetrachloride

Concen: 6.99 ug/l

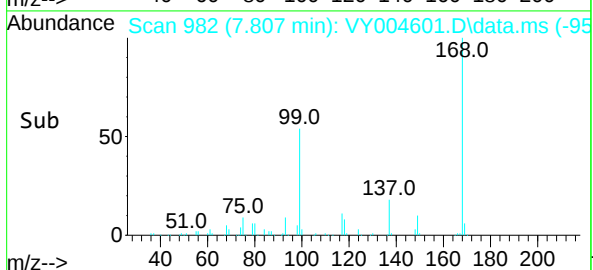
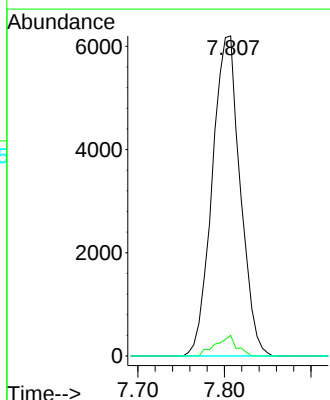
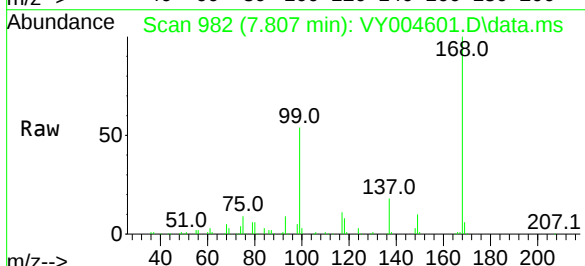
RT: 7.807 min Scan# 982

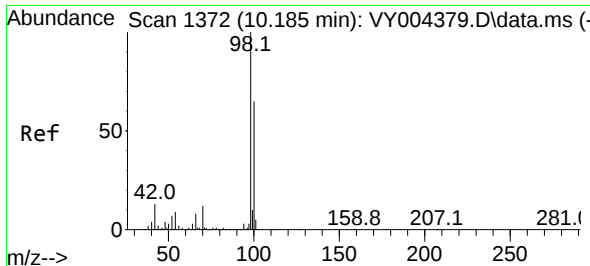
Delta R.T. -0.103 min

Lab File: VY004601.D

Acq: 23 Apr 2021 13:39

Tgt Ion:	117	Resp:	13927
Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.8	113.8#
121	0.0	25.3	37.9#

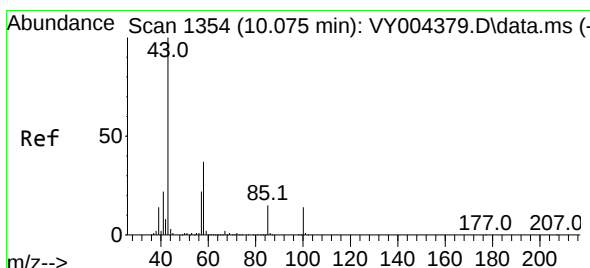
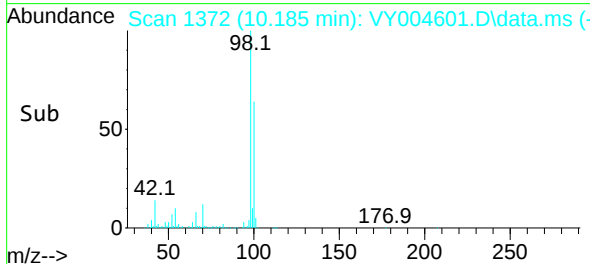
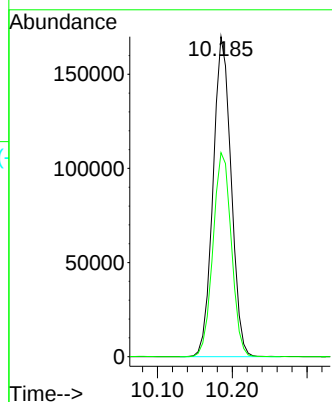
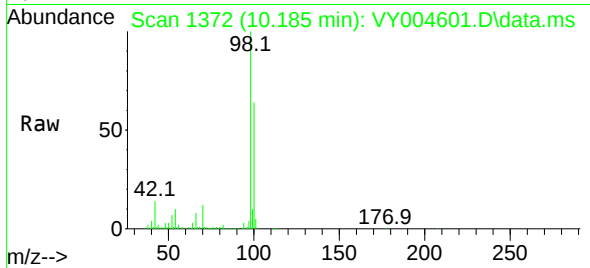




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

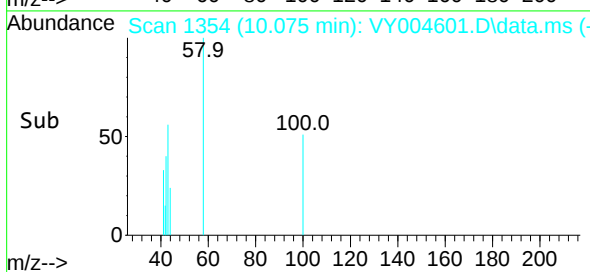
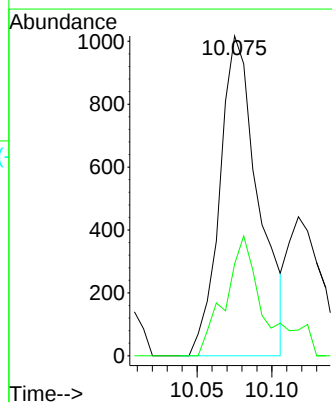
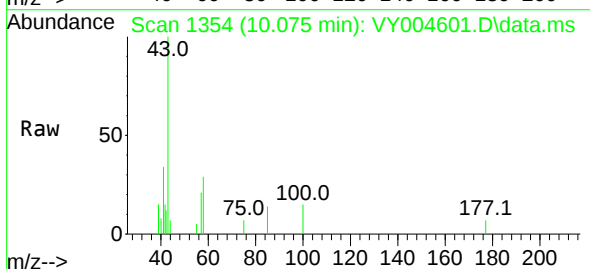
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MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

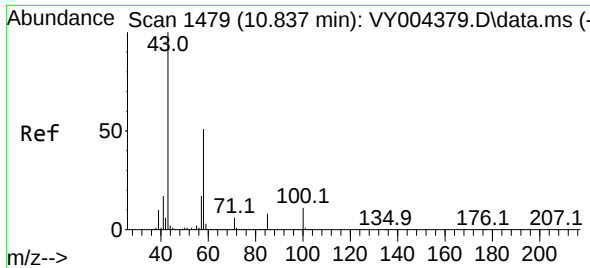
Tgt Ion: 98 Resp: 285281
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.26 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
58 38.6 29.2 43.8

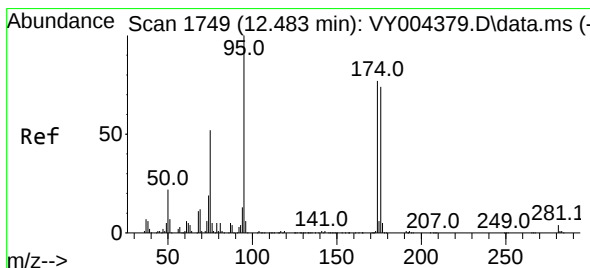
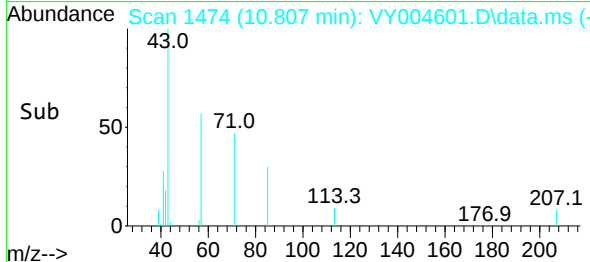
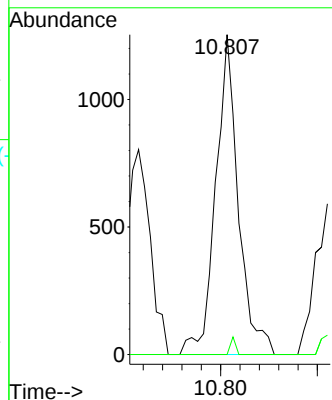
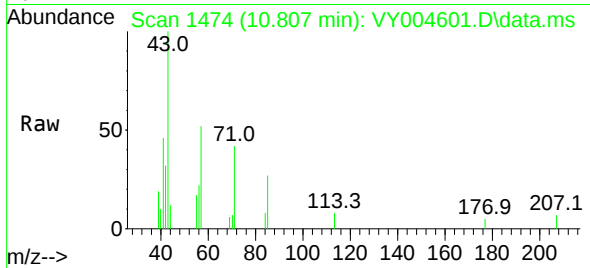




#59
2-Hexanone
Concen: 2.11 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

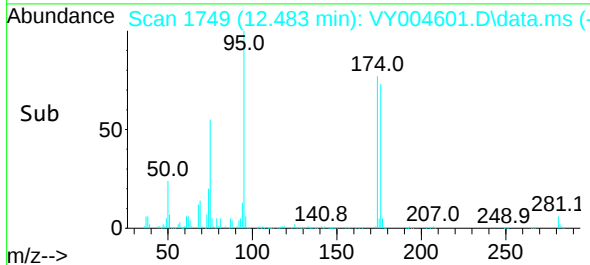
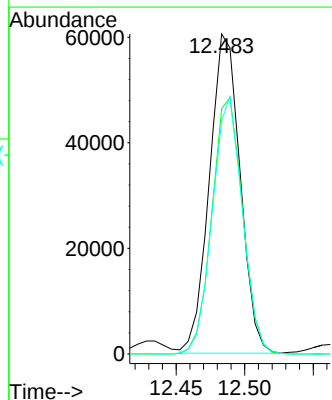
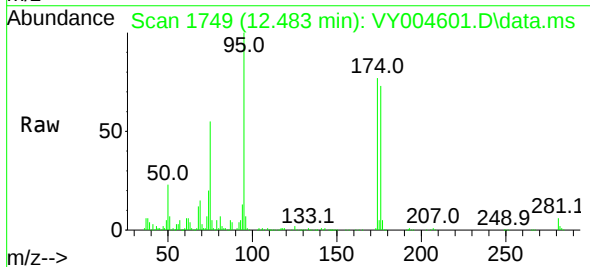
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

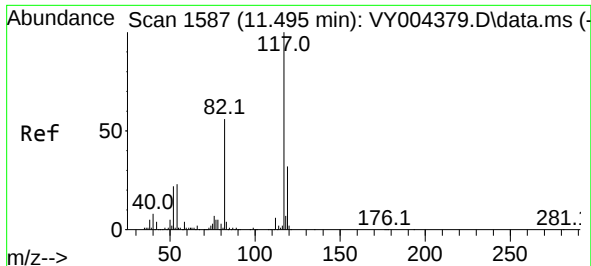
Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
58 1.2 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 50.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 95 Resp: 94095
Ion Ratio Lower Upper
95 100
174 80.4 0.0 162.4
176 79.1 0.0 156.0

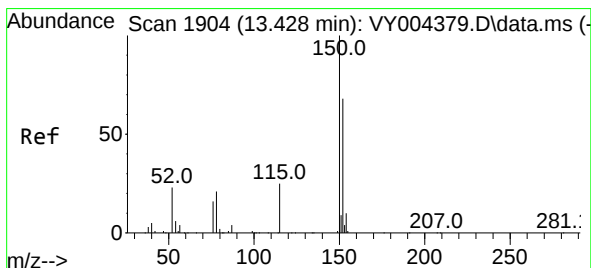
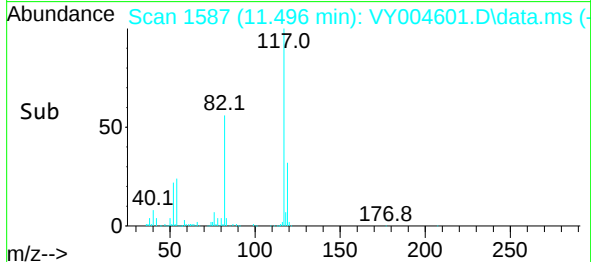
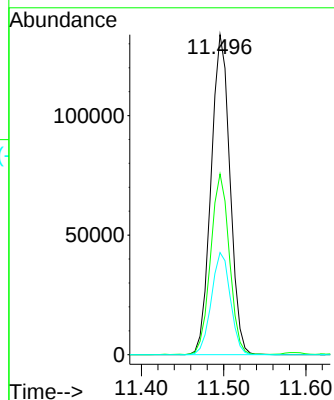
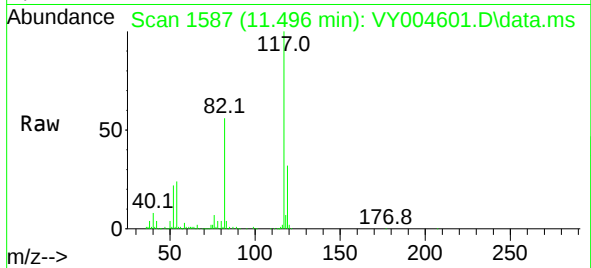




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

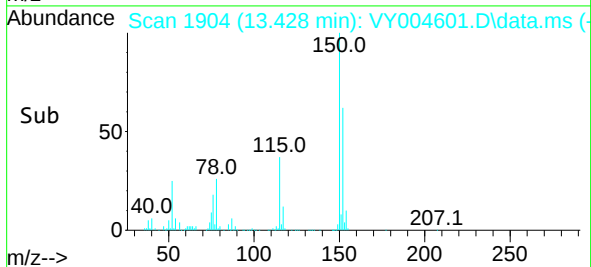
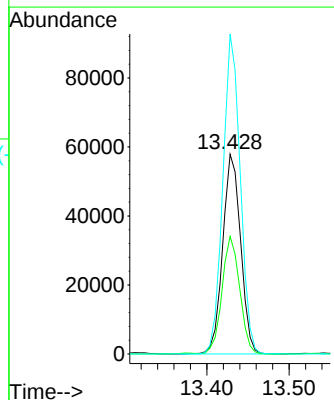
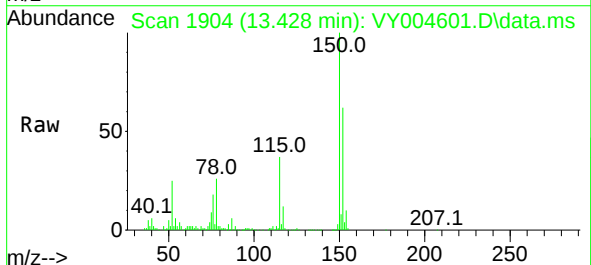
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

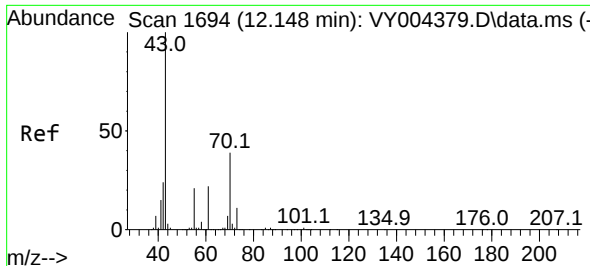
Tgt Ion:117 Resp: 213706
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

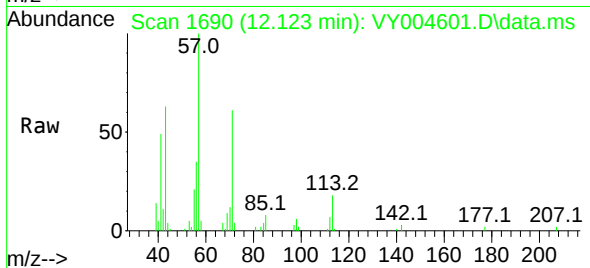
Tgt Ion:152 Resp: 87736
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.8
150 155.0 0.0 348.4



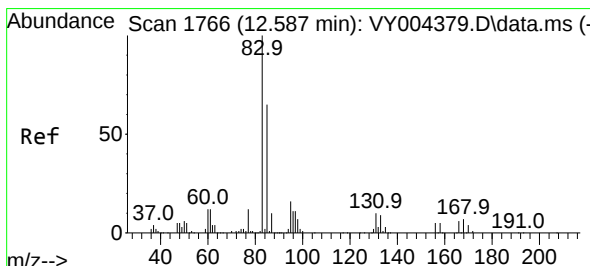
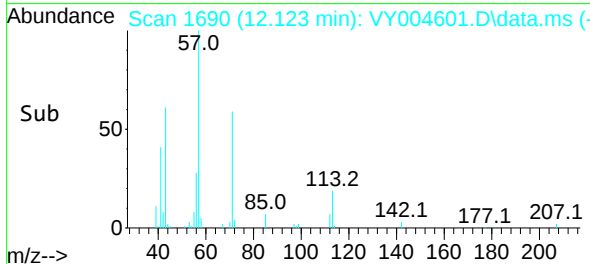
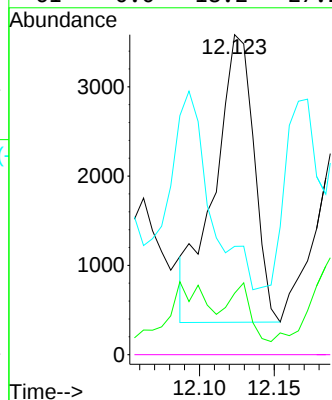


#74
N-amy1 acetate
Concen: 2.60 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

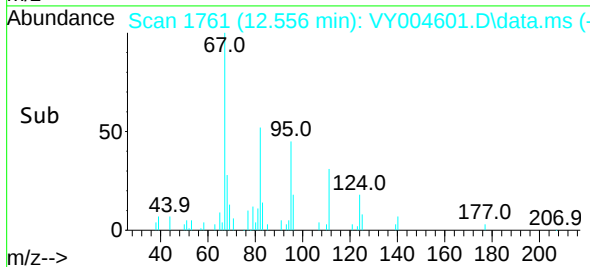
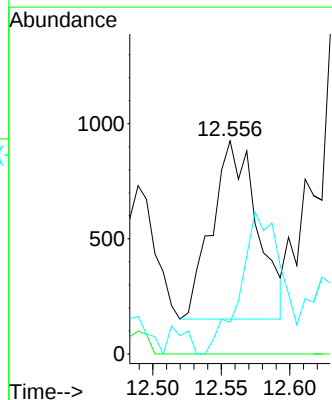
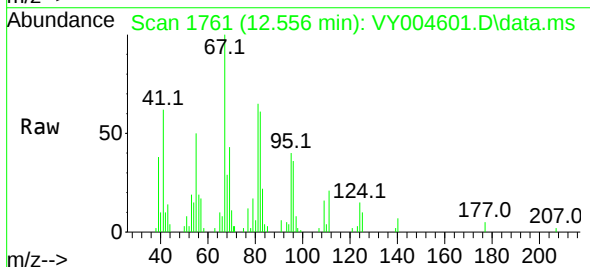


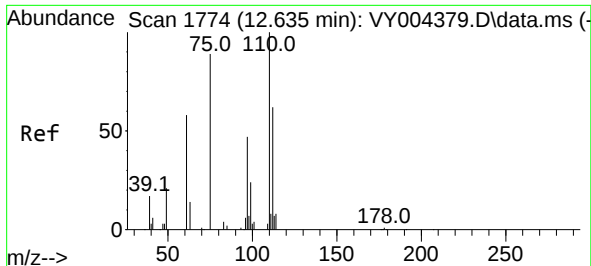
Tgt Ion: 43 Resp: 5940
Ion Ratio Lower Upper
43 100
70 11.2 30.4 45.6#
55 0.0 17.4 26.0#
61 0.0 18.2 27.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.39 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.030 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 83 Resp: 1780
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 71.9 31.6 94.8

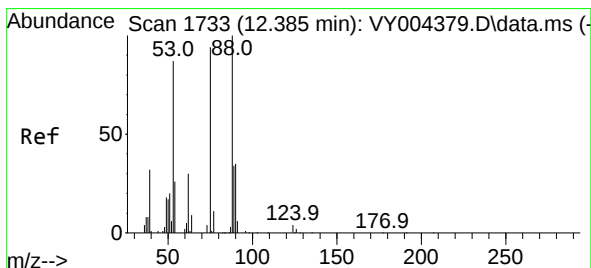
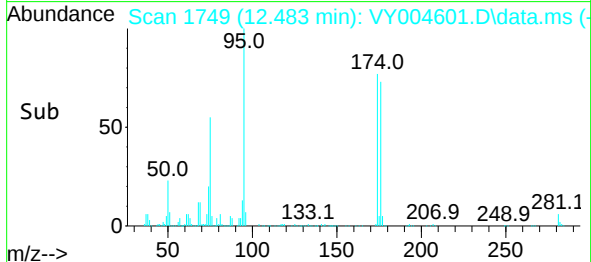
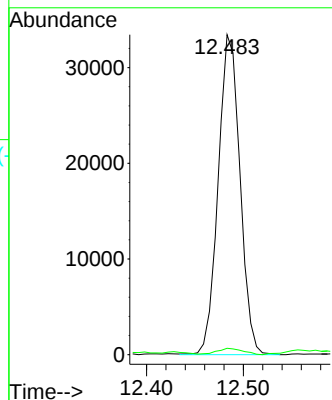
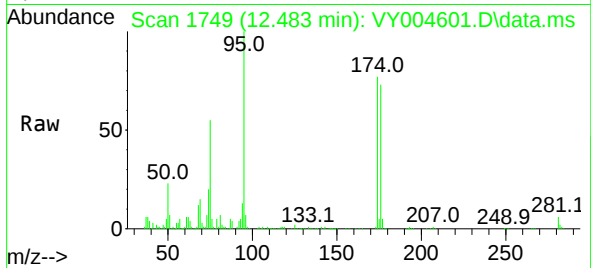




#76
1,2,3-Trichloropropane
Concen: 55.48 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

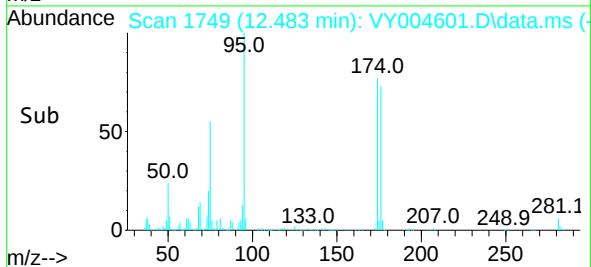
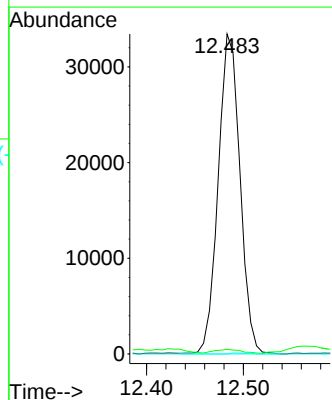
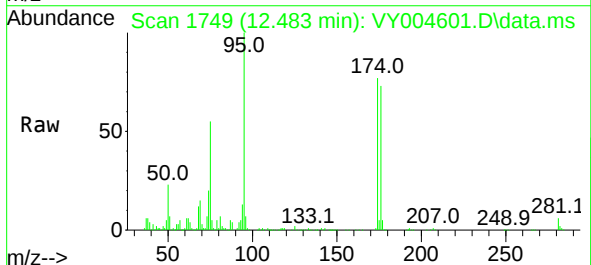
Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

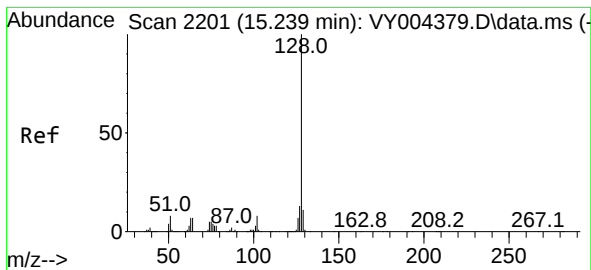
Tgt Ion: 75 Resp: 52247
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Tgt Ion: 75 Resp: 52247
Ion Ratio Lower Upper
75 100
53 1.6 75.0 112.6#
89 0.2 36.1 54.1#





#95
Naphthalene
Concen: 4.04 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004601.D
Acq: 23 Apr 2021 13:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-36-10.5-11.0

Tgt Ion:128 Resp: 14636
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.2
129 12.2 8.8 13.2

